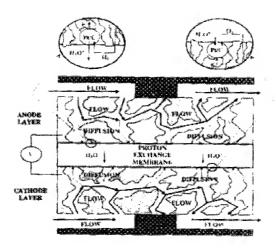


Figure 1A



Figure___1B

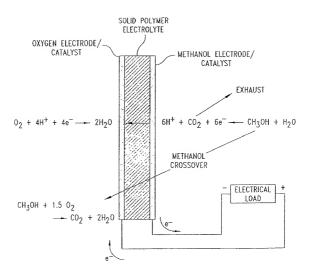


Fig. 2 (Prior Art)

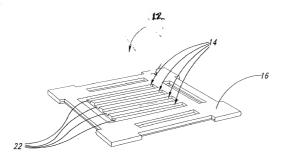


Fig. 3

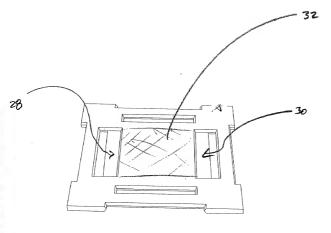


Fig. 4

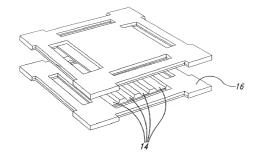


Fig. 5

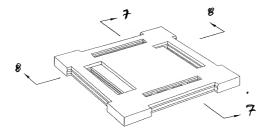
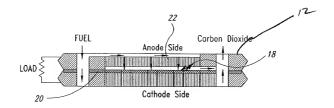


Fig. 6



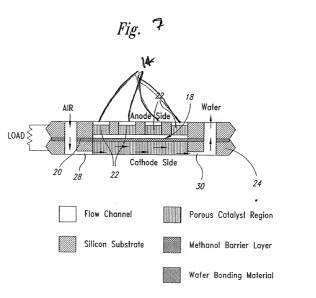


Fig. 8

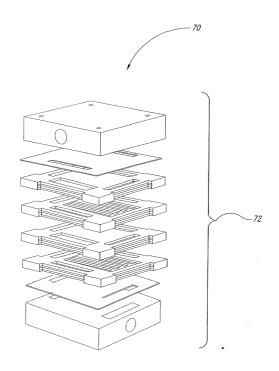


Fig. 9

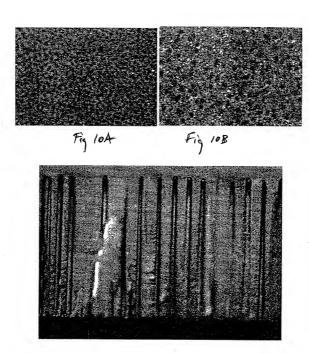
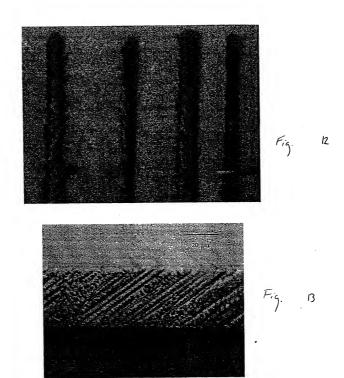
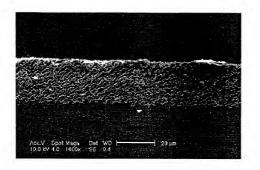


Fig 11

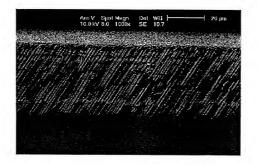


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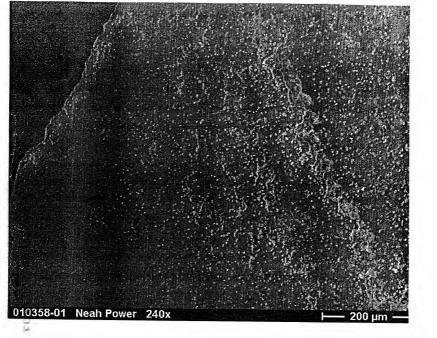


Fig. 1.116

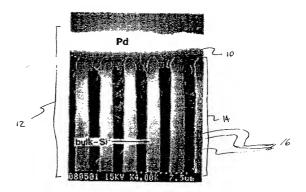
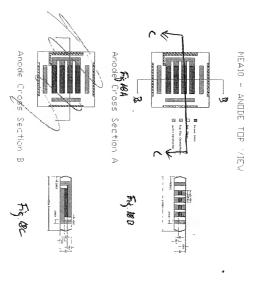
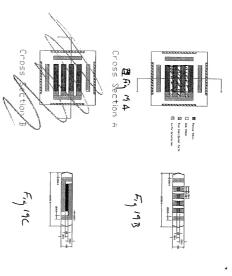
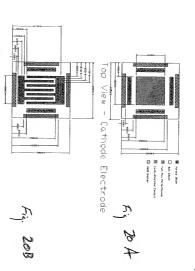


Figure <u>#1</u>7

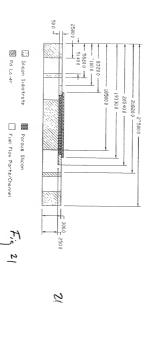




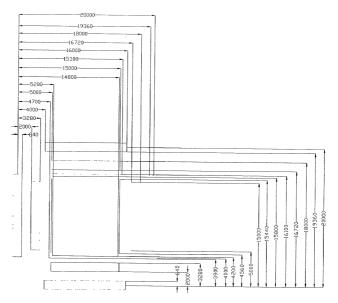
09858327.051501



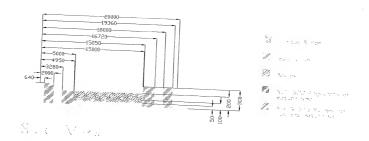
Bottom View - Cathode Electrode



Dasacok #1000/1/050



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F.g. 22B

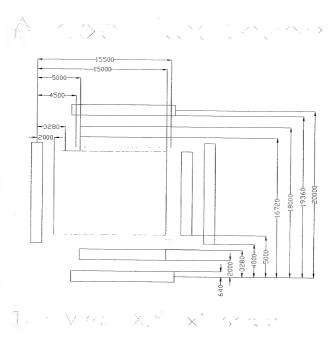
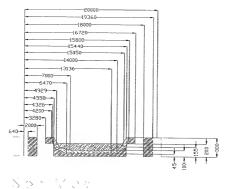


Fig. 226



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Fig. 22/2

	Front Side
Silicon Substrate	Back Side

Figure 23



Figure 24

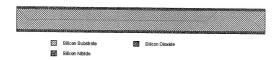


Figure 25

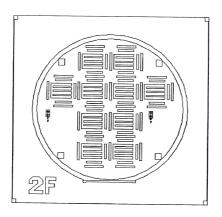


Figure 26A

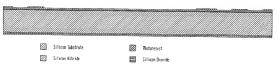


Figure 268

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	Silicon Substrate	33	Photoresist		
	Silicon Nitride	■	Silicon Bioxide		
		Figur	e <u>27</u>		
P20	Sulices Substants	m	Silian Binne		

Figure 28

Silicon Nitride

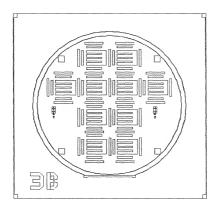


Figure 29A

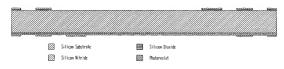


Figure 29B

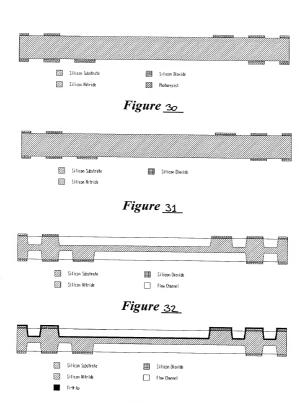


Figure 33

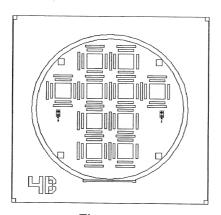


Figure 34A

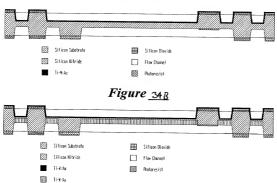


Figure 35

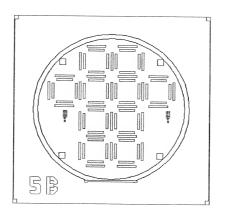


Figure 36A

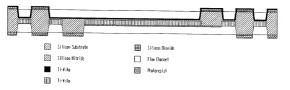


Figure 36B



Figure 37

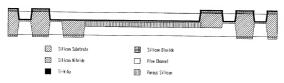


Figure 38



Figure 39

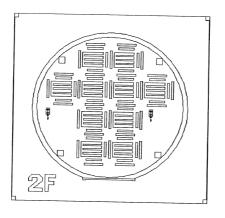


Figure 40A



Figure_40.B

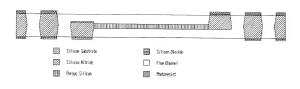


Figure _4_

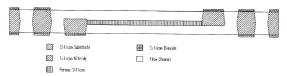


Figure 42

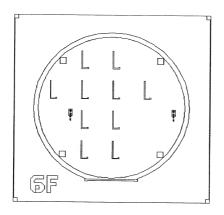


Figure 43A



Figure 43B

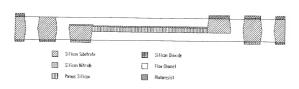


Figure 44

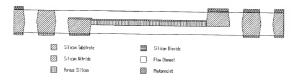


Figure 45

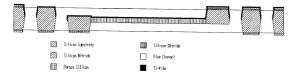


Figure 46

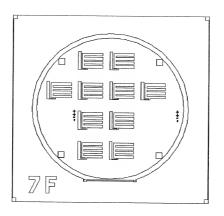


Figure 47 A

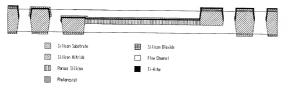


Figure 47B

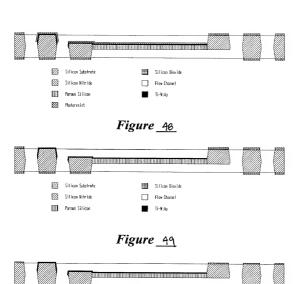


Figure 50

Silicon Bioxide

Flow Channel

Silicon Substrate

Poneus Sillicon

Ti-V:Ap



Figure 51



Figure 52



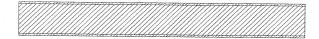
Figure 53A



Figure 53B

Silicon Substrate

Figure 54



Silicon Substrate

Silicon Nitride

Figure 55

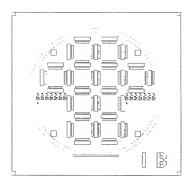
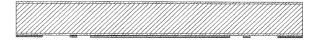


Figure 56A



Silicon Substrate

Silicon Nitride

Photo Resists

Figure 56B

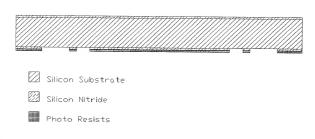


Figure <u>57</u>

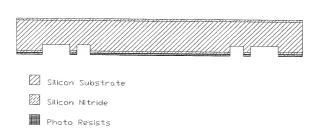


Figure 58

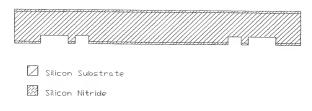


Figure 59

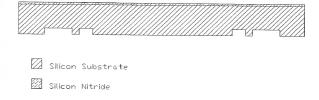
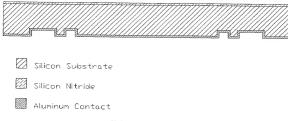


Figure 60



Figure_6

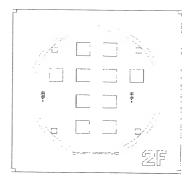


Figure 621

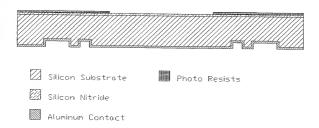


Figure 62B

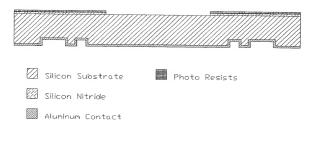


Figure 63

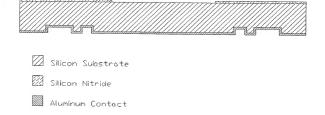


Figure 64

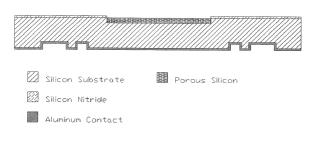


Figure 65

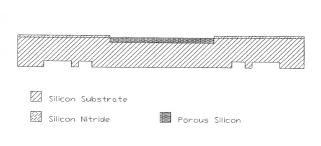


Figure 66

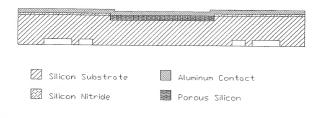


Figure 67



Figure 68A

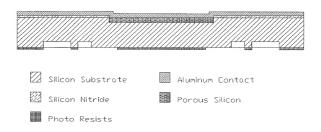


Figure 68B

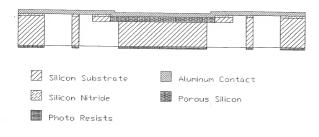


Figure 6

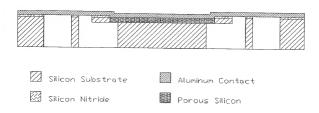


Figure 70

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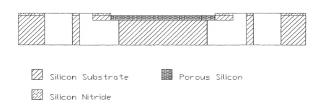


Figure 71



Figure 72



Silicon Substrate Porous Silicon

Metal Seed Layer

Figure <u>73</u>

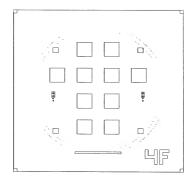


Figure 74A

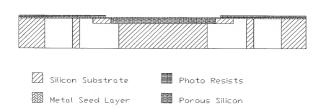


Figure <u>74</u>B

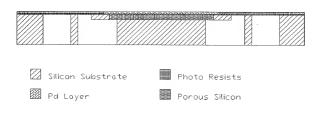


Figure <u>75</u>

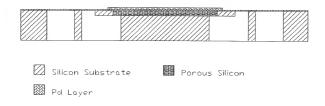


Figure 76



Figure <u>77</u>A

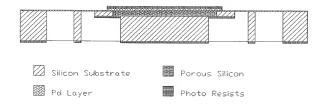


Figure <u>77</u>B

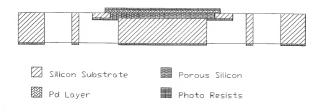


Figure <u>78</u>

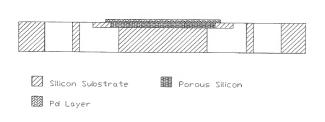
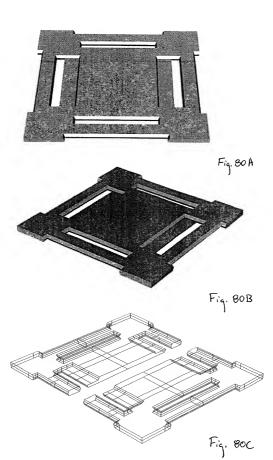


Figure 79

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	Fig81
☐ Silicon Daide ☐ Silicon Substrate	Dilicon Mitride B Photomesist
į	Fig82

Fig. ___ 83

Silicon Nitride

∰ Photoresist

Silicon Oxide

Silicon Substrate

☐ Silicon D∖ide ☐ Silicon Substrate	□ Silicon Hitride 圖 Photoresist
	Fig 84
	///////////////////////////////////////
□ Silicon Oxide □ Silicon Substrate	Silicon Nithide
	Fig 85
Silicon Oxide	Silicon Nithride

Fig. _ 86

Silicon Side Silicon Nitrade Silicon Substrate
Fig 87
Silicon Dide Silicon Nitride
Silicon Substrate Photoresist Fig 88
☐ Silicon Bride ☐ Silicon Nitride ☐ Silicon Substrate

Fig. ___ 89

Terrorica Marco	
11/1	
Silicon Oxide	☐ Silicon Nitride ■ Photoresist
1	Fig 90
□ Silicon □ride ☑ Silicon Substrate	☑ Silicon Nitride
1	Fig. 91
□ Silicon Baide □ Silicon Substrate	Silicon Nithide

Fig. _ 92

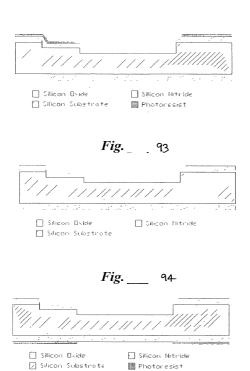
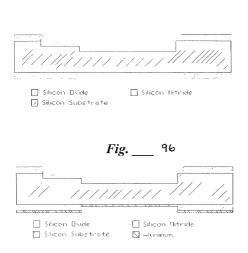


Fig. 95



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□ Silicon Oxide □ Silicon Substrate ■ Porque Silicon	Sitioon Nittride

Fig. 98

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$Fig{-}$ 99
Sticon Nitrote
☐ Shicon Shiostnate ☐ Sol-Gel ■ Polious Shicon
Fig
☐ Cilicon Daide ☐ Silicon Nithide ☐ Silicon Substrate ☐ Sol-Gel Ⅲ Panous Cilicon

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✓ Silicon Substrate	Silicon Nittride Sol-Gel Alamban
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	11111
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Fig. 105 Silicon Sinde Silicon Hithride Sol-Gel Photoresist
Fig. 106 Siticon Ducte Siticon Litricte Sol-Gel Ponous Siticon Sitic

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Fig. _ /08

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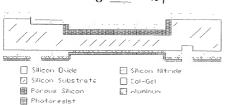


Fig. ____ 110

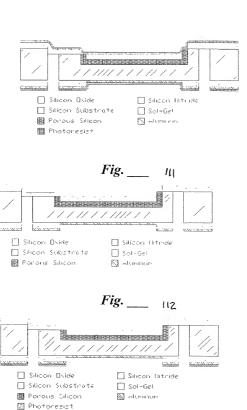




Fig. 114

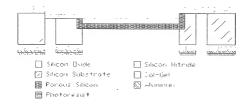


Fig. 115

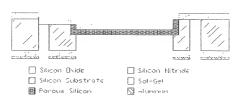


Fig. _ 116

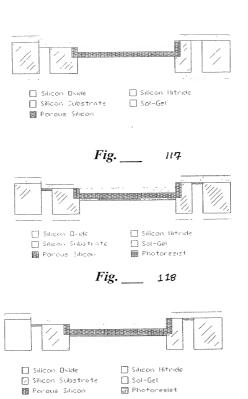


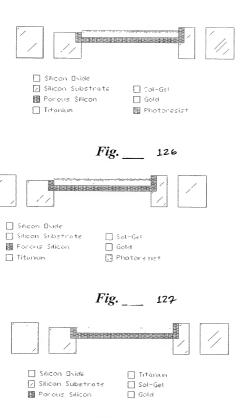
Fig ___ 119

Silicon Blace Silicon Dithide Silicon Substrate Scilicol Brancus Silicon Photonesist Titanium
Fig 120
Slicon Dide Silicon Hitride
□ Slicon Substrate □ Sol-Gel ■ Pararis Slicon □ Photoresist □ Titunium □ Gold
Fig 121
☐ Silicon Oside ☐ Silicon Bithide ☐ Silicon Substrate ☐ Sal-Gel ☐ Gold

Fig. ___ 122_

Titonum

☐ Silicon Exide ☐ Silicon Substrate ■ Paraus Silicon ☐ Titanium	☐ Silicon Mithide ☐ Sol-Gel ☐ Gold ☐ Photomesist	
Fig.	123	
Constitution of the second of		
☐ Subcon Oxide ☐ Subcon Substrate ☐ Porous Subcon ☐ Titonium	[] Sol-Gel [] Gold [∰ Photoresis*	
Fig.	124-	
		A STATE OF THE PARTY OF THE PAR
☐ Silicon □ride ☑ Silicon Substrate Ⅲ Paraus Silicon ☐ Titanium	☐ Sol-Gel ☐ Gold ☐ Photonesist	
Fig.	120	



C-vervene company and a	MINISTER AND
/////////	
□ Silicon Oxide □ Silicon Substrate ■ Photonesist	Silicon Nitride
Fig	_ 129
/////////	///////////////////////////////////////
☐ Silicon Oxide ☐ Silicon Substrate ☐ Photoresist	Silicon Nitride

Asserted their tentes, a property to their tentes, the	Here the second time to the
4//////////////////////////////////////	
ALTE PERF	Heristi - Miller
□ Cilicon Oxide ☑ Silicon Substrate ▦ Photonesist	□ Silicon Hitride
Fig.	131
☐ Silicon Daide ☐ Silicon Substrate	[] Silicon Hitride

Fig. _ 132_

n non-	
☐ Silicon ⊡Nide ☑ Silicon Substrate	Silicon Hitride
Fig	133
And the second s	
☐ Silicon Dxide ☐ Silicon Substrate	Silicon Mithide

Fig. ____ 134-

- Just to the state of the stat	Similari
□ Silicon Dxide □ Silicon Substrate ■ Paraus Silicon	Silicon Nithide S Aluminum

Fig. ____ 135

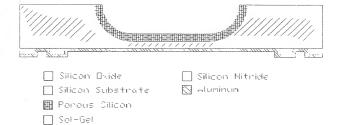


Fig. _ _ 136

☐ Silicon Dxide ☑ Silicon Substrate ☐ Porous Silicon ☐ Sol-Get	2 Silicon Nithide S Aluminum

Fig. ___ 137

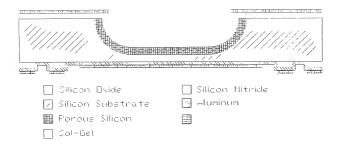


Fig. ____ 138

	THE BEST OF STREET SECTOR
Silicon Oxíde Silicon Substrate Porous Silicon Sol-Gel	Dilicon Mitride Aluminum
Fig	139

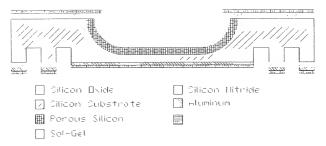
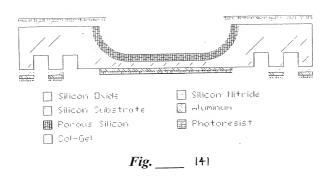
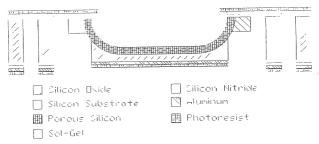


Fig. 140





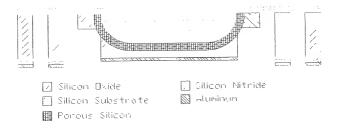


Fig. ____ 143

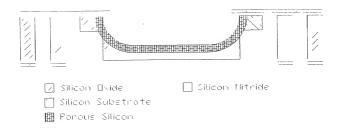


Fig. ____ 144-

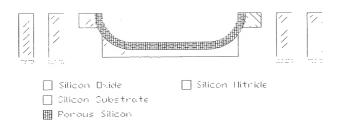
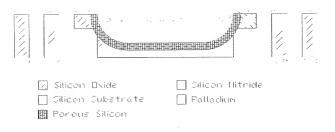


Fig. ____ 145



☑ Silicon Bride☑ Silicon Mithide☑ Silicon Substrate☑ Palladium	1////	/					1	/
🖩 Porous Silicon 🗼 🖺 Photoresist		Sitte	zon Substna	tē.	Pattadio	JP1		

Fig. ____ 147

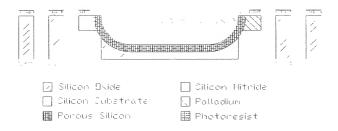


Fig. ____ 148



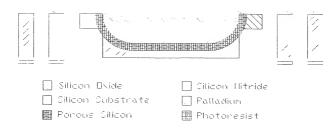
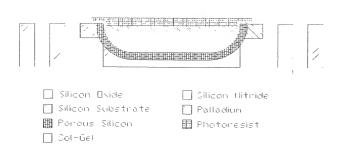


Fig. ____ 149



			A A	//
	☐ Silicon Exide ☐ Silicon Substrate Ħ Panaus Silicon ☐ Cot-Gel	☐ Silicon Hitnide ☐ Palladium Ⅲ Photonesist		
	Fig	/51		
7				4
	Silicon Oxide Silicon Substrate Porous Silicon Sol-Get	☐ Silicon Hitnide ☐ Palladium 탭 Photonesist		

Fig. ____ 152_

		7
☐ Silicon Daide ☐ Silicon Substrate 聞 Paraus Silicon ☐ Cat-Gel	Silicon Hitride Palladium Photonesist Ti-Tungsten Gold	

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